Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032323\
Data File : VU053372.D
Acq On : 23 Mar 2023 15:24
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Quant Time: Mar 24 12:21:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 23 02:41:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	118973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	109242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	48601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42579	38.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.580%			
7) Chloroethane-d5	1.912	69	39766	44.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.580%			
11) 1,1-Dichloroethene-d2	2.565	63	56008	29.457	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.920%#			
21) 2-Butanone-d5	4.620	46	65631	128.924	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 128.920%			
24) Chloroform-d	5.057	84	84436	46.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.420%			
26) 1,2-Dichloroethane-d4	5.697	65	58136	51.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.560%			
32) Benzene-d6	5.723	84	172636	48.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.440%			
36) 1,2-Dichloropropane-d6	6.687	67	60134	52.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.160%			
41) Toluene-d8	7.893	98	148477	45.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.020%			
43) trans-1,3-Dichloroprop...	8.176	79	27008	47.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.740%			
47) 2-Hexanone-d5	8.626	63	42146	117.882	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.880%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	83337	56.255	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.500%			
66) 1,2-Dichlorobenzene-d4	12.189	152	49541	52.644	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.280%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1926	1.539	ug/L #	41
17) trans-1,2-Dichloroethene	3.356	96	2307	2.602	ug/L	82
19) 1,1-Dichloroethane	3.867	63	2497	1.380	ug/L #	91
20) cis-1,2-Dichloroethene	4.662	96	129718	124.578	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	2042	1.371	ug/L	90
34) Trichloroethene	6.539	95	1320	1.337	ug/L	79
35) Methylcyclohexane	6.687	83	12988	7.503	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	6346	6.006	ug/L #	90
46) Tetrachloroethene	8.552	164	2350	3.658	ug/L	90
49) Dibromochloromethane	8.549	129	3112	3.162	ug/L #	12
53) m,p-Xylene	9.690	106	2679	1.555	ug/L	96
60) 1,2,3-Trichloropropane	11.806	75	7161	7.415	ug/L #	69
63) 1,2,4-Trimethylbenzene	11.468	105	3506	1.132	ug/L	99
71) Naphthalene	14.086	128	7069	2.286	ug/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VIBLK118

Quant Time: Mar 24 12:21:04 2023
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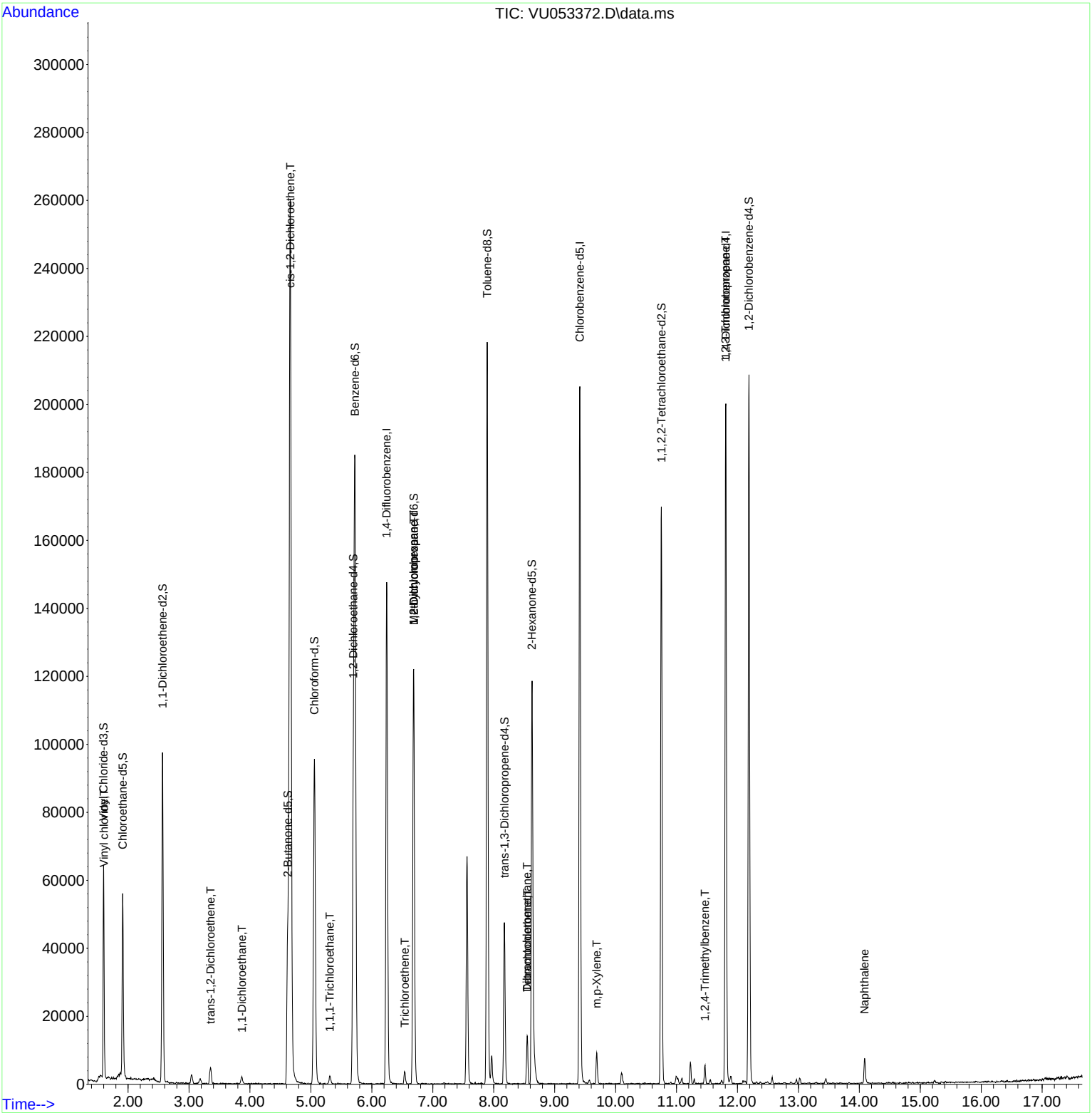
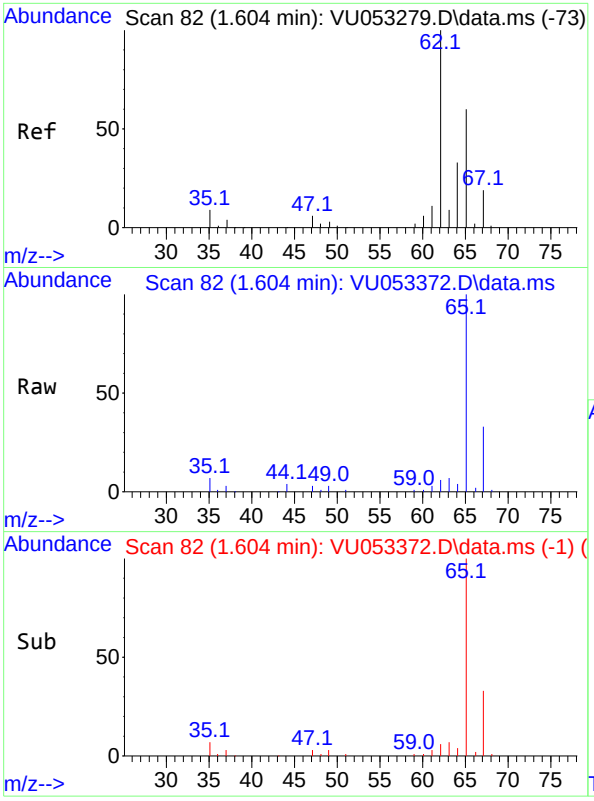
Quant Title : VOC Analysis
QLast Update : Thu Mar 23 02:41:20 2023
Response via : Initial Calibration



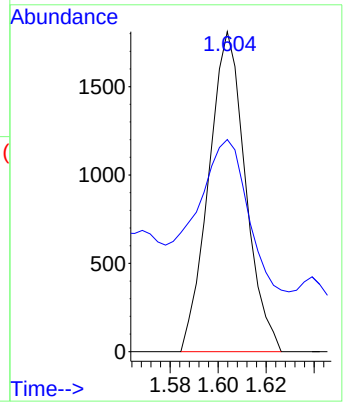


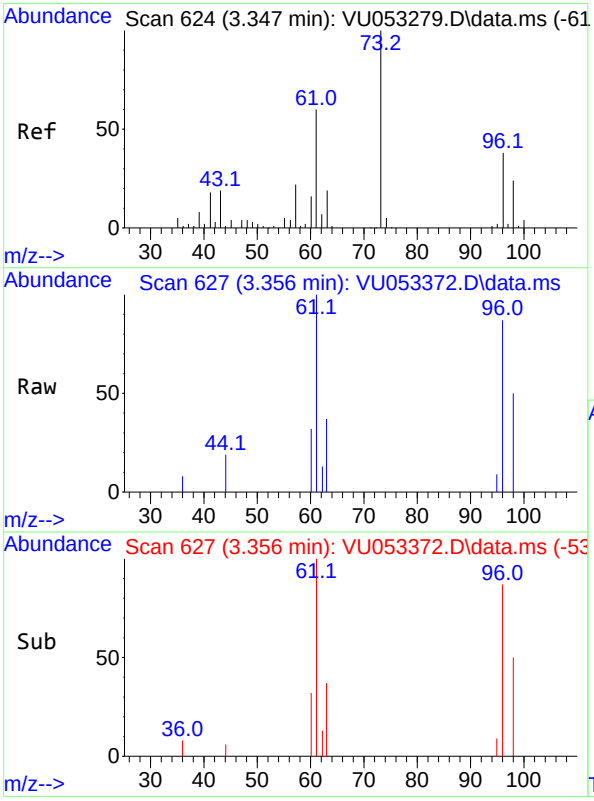
#5
Vinyl chloride
Concen: 1.539 ug/L
RT: 1.604 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion: 62 Resp: 1926

Ion	Ratio	Lower	Upper
62	100		
64	66.3	23.2	43.0#

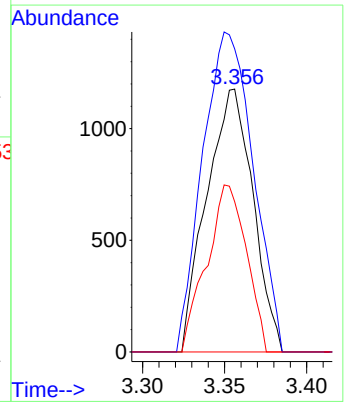


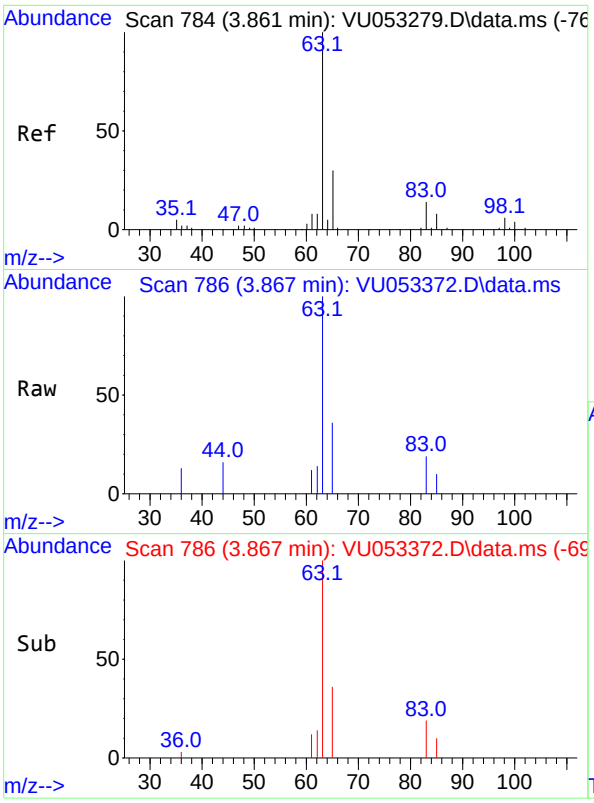


#17
trans-1,2-Dichloroethene
Concen: 2.602 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.006 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion: 96 Resp: 2307

Ion	Ratio	Lower	Upper
96	100		
61	115.3	99.6	185.0
98	57.2	45.5	84.5



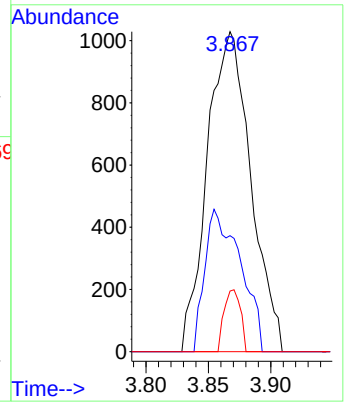


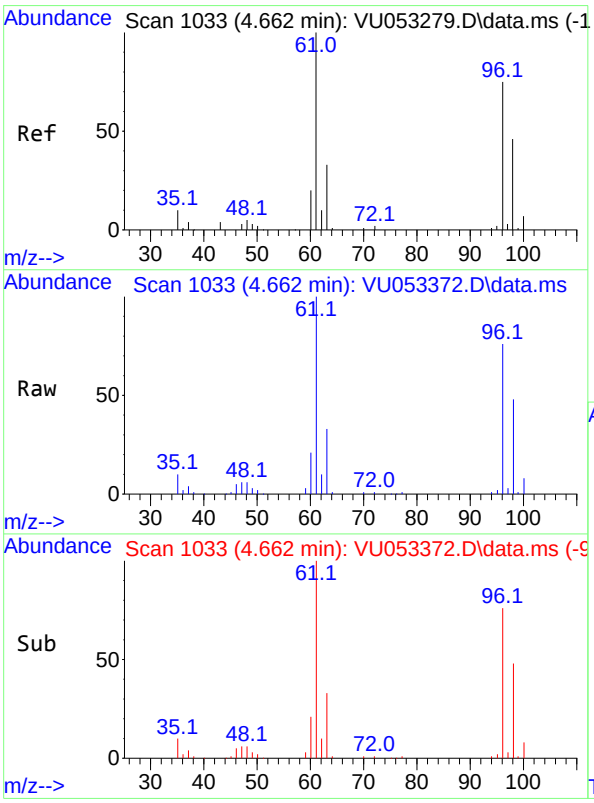
#19
1,1-Dichloroethane
Concen: 1.380 ug/L
RT: 3.867 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion: 63 Resp: 2497

Ion	Ratio	Lower	Upper
63	100		
65	36.2	22.8	42.4
83	19.0	9.4	17.6#

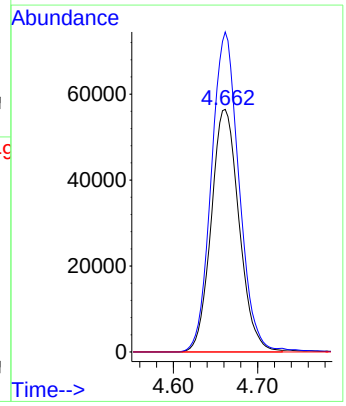


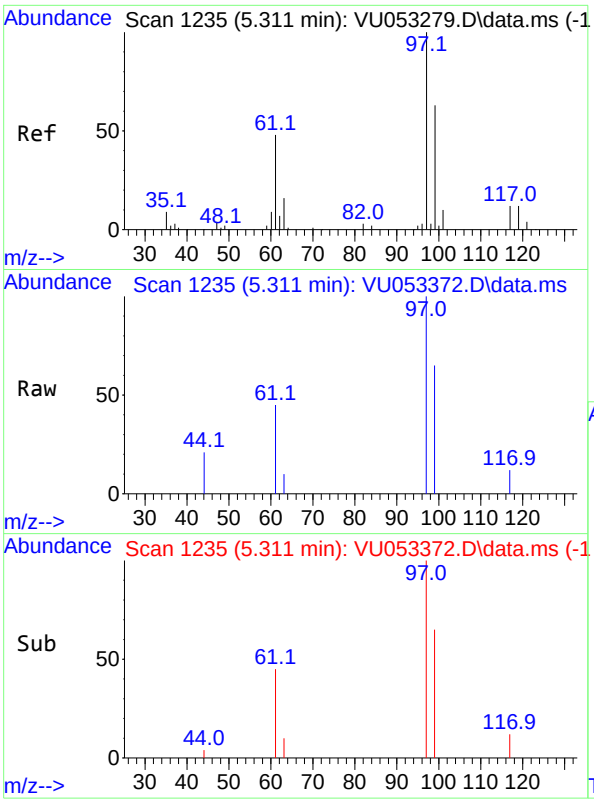


#20
cis-1,2-Dichloroethene
Concen: 124.578 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion: 96 Resp: 129718

Ion	Ratio	Lower	Upper
96	100		
61	131.9	92.5	171.7
68	0.0	0.0	0.0



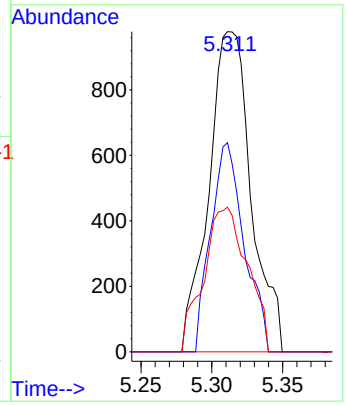


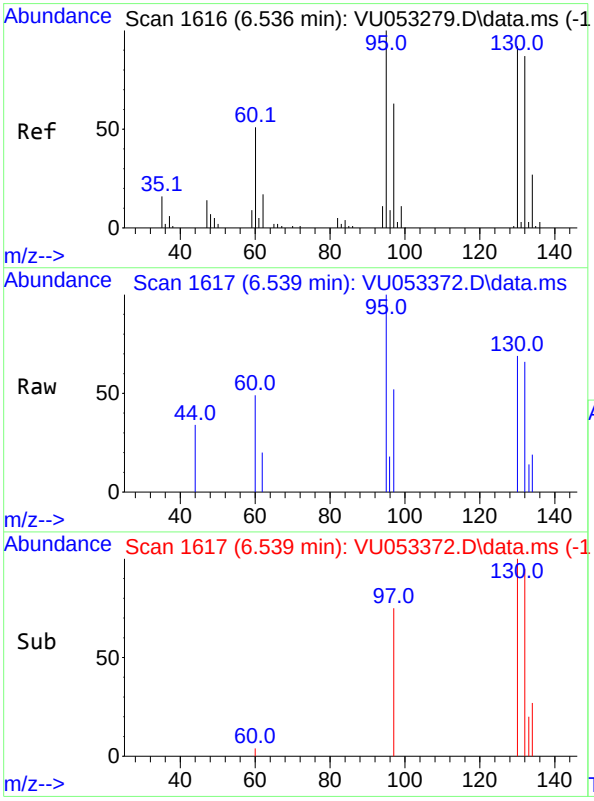
#30
1,1,1-Trichloroethane
Concen: 1.371 ug/L
RT: 5.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion: 97 Resp: 2042

Ion	Ratio	Lower	Upper
97	100		
99	51.5	50.6	76.0
61	46.6	36.0	54.0

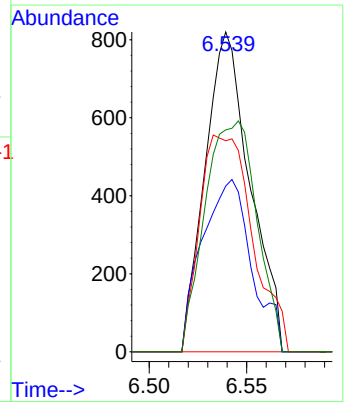


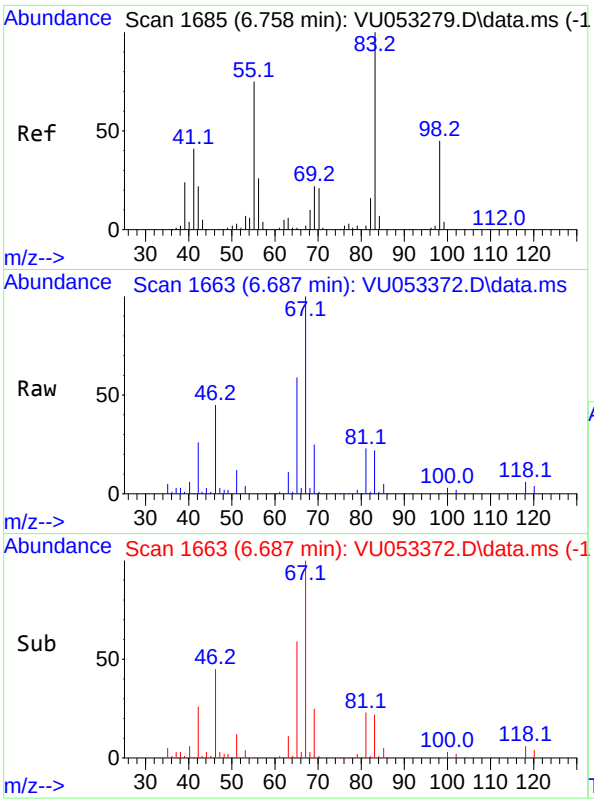


#34
Trichloroethene
Concen: 1.337 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion: 95 Resp: 1320

Ion	Ratio	Lower	Upper
95	100		
97	51.8	43.8	81.3
132	66.0	61.5	114.3
130	69.4	63.3	117.5



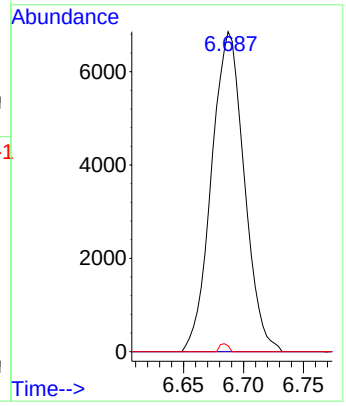


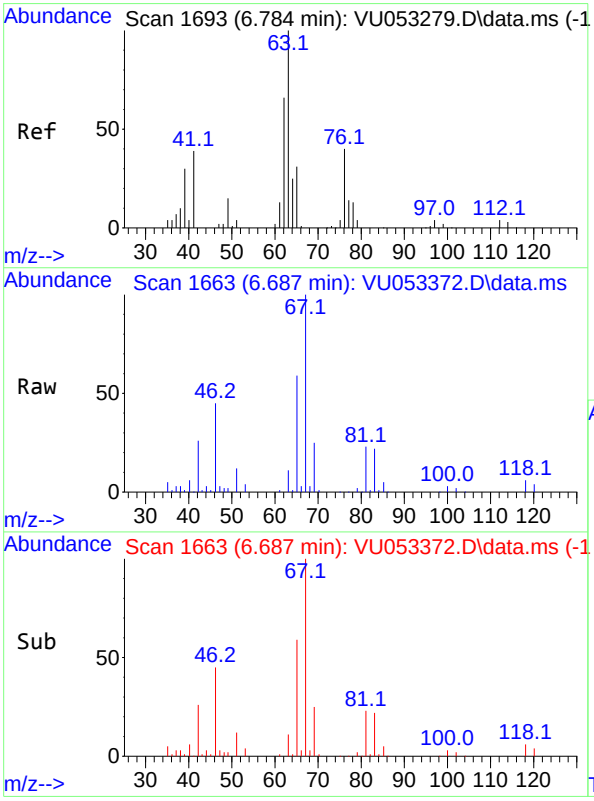
#35
Methylcyclohexane
Concen: 7.503 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion: 83 Resp: 12988

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4#
98	0.7	35.4	53.2#

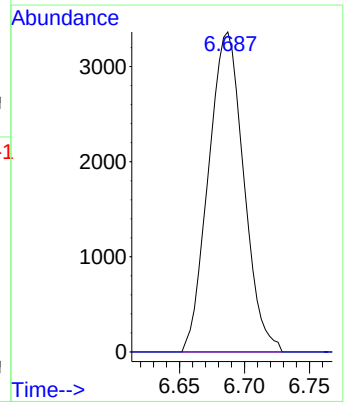


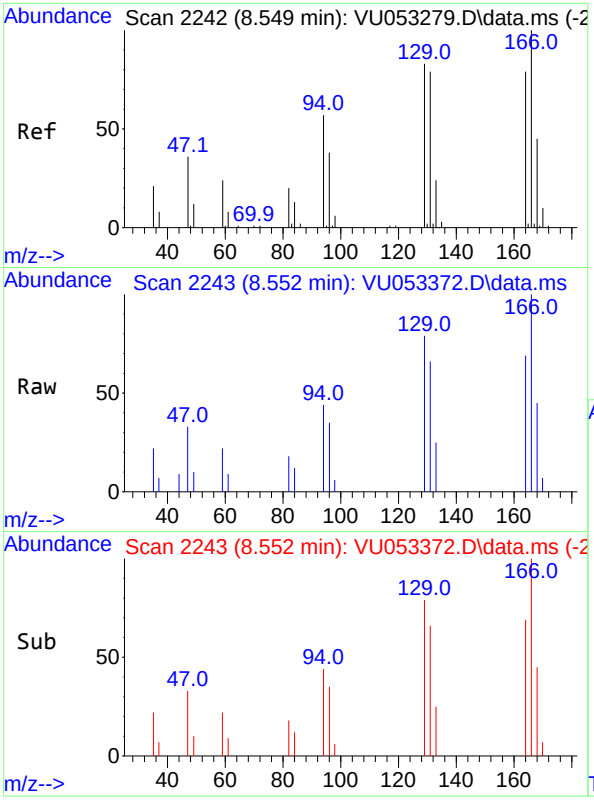


#37
1,2-Dichloropropane
Concen: 6.006 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.096 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion: 63 Resp: 6346

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



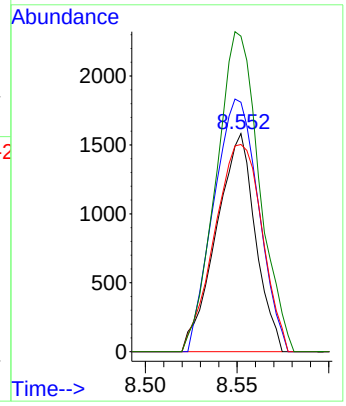


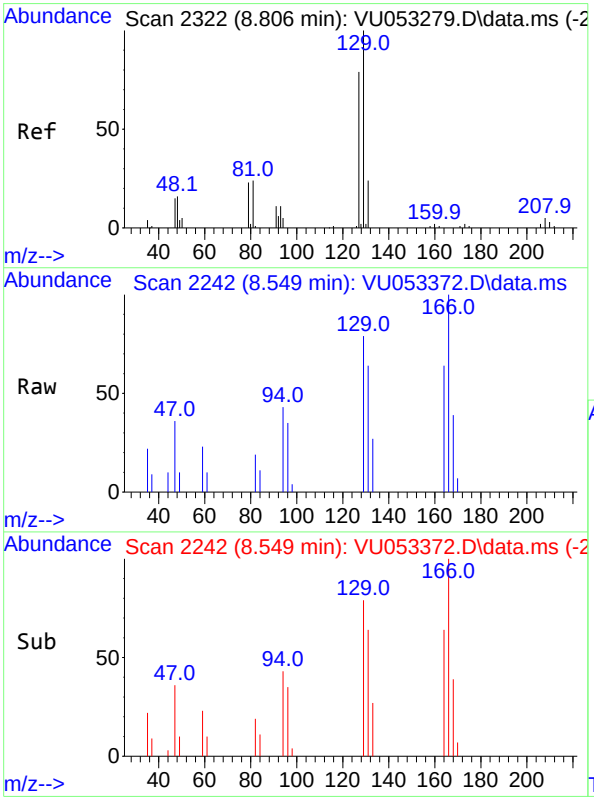
#46
Tetrachloroethene
Concen: 3.658 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion:164 Resp: 2350

Ion	Ratio	Lower	Upper
164	100		
129	114.4	73.6	136.8
131	95.0	70.3	130.7
166	144.8	88.9	165.1

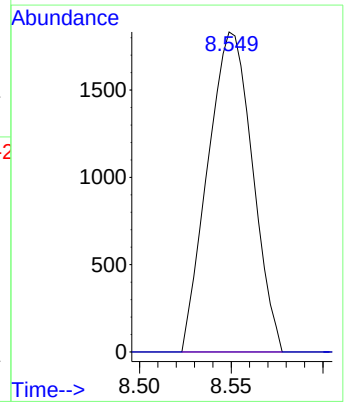


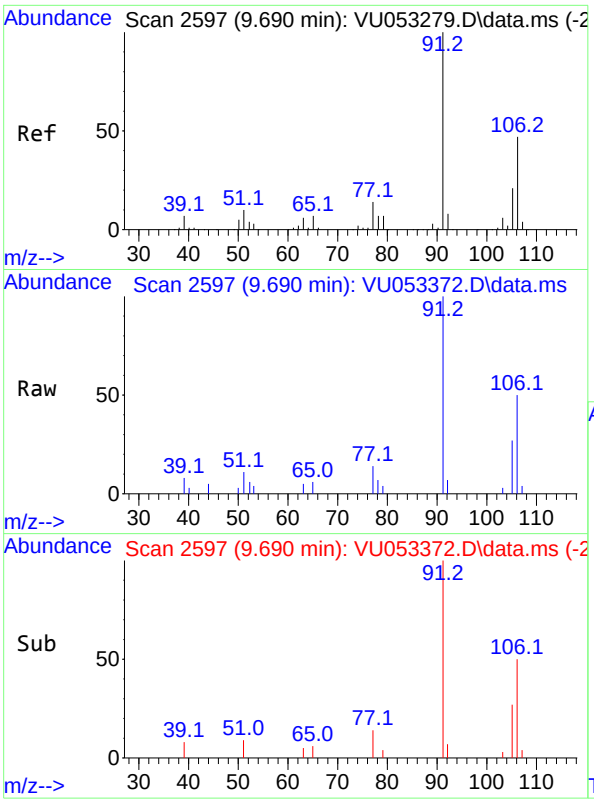


#49
Dibromochloromethane
Concen: 3.162 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion:129 Resp: 3112

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#



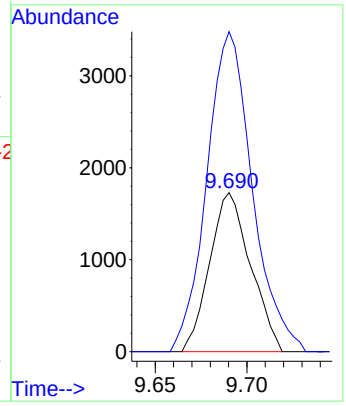


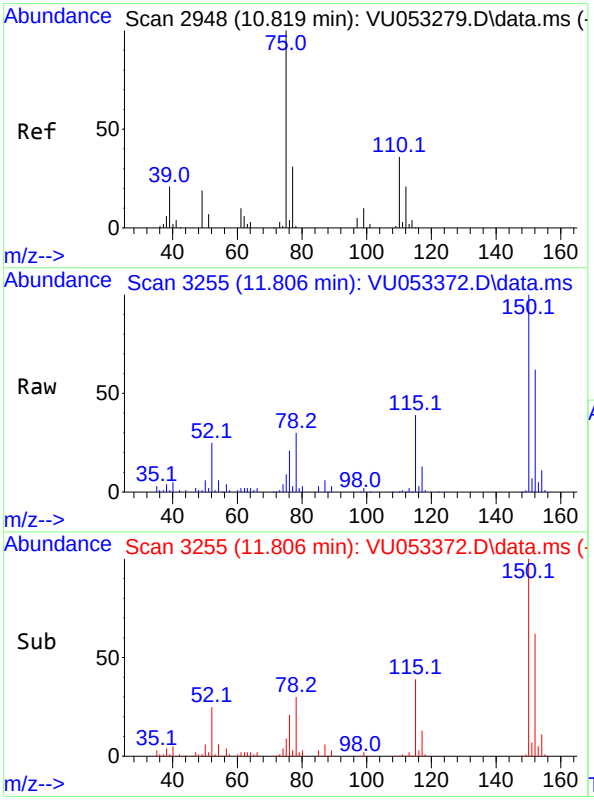
#53
m,p-Xylene
Concen: 1.555 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion:106 Resp: 2679

Ion	Ratio	Lower	Upper
106	100		
91	201.2	145.3	269.8

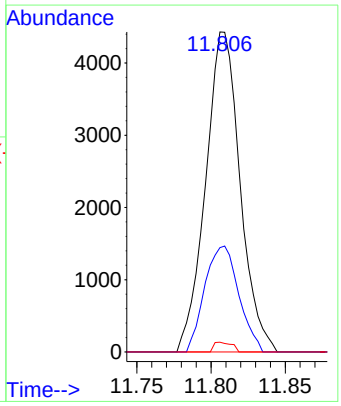


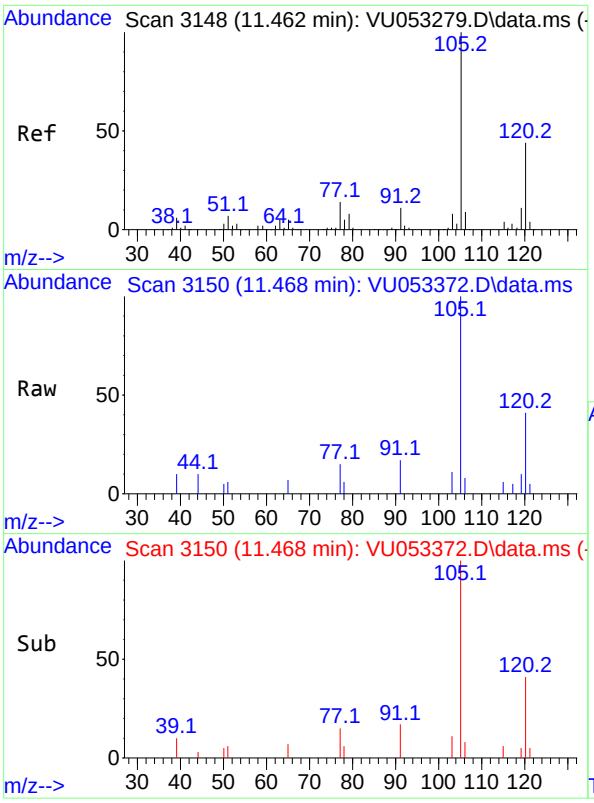


#60
1,2,3-Trichloropropane
Concen: 7.415 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion: 75 Resp: 7161

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.6	40.0
110	1.3	28.6	42.8#



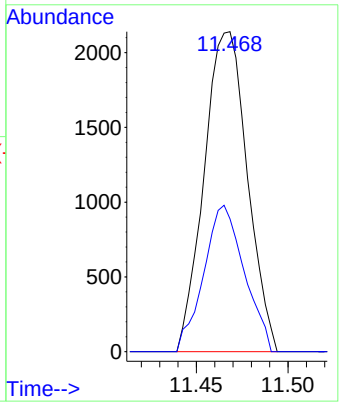


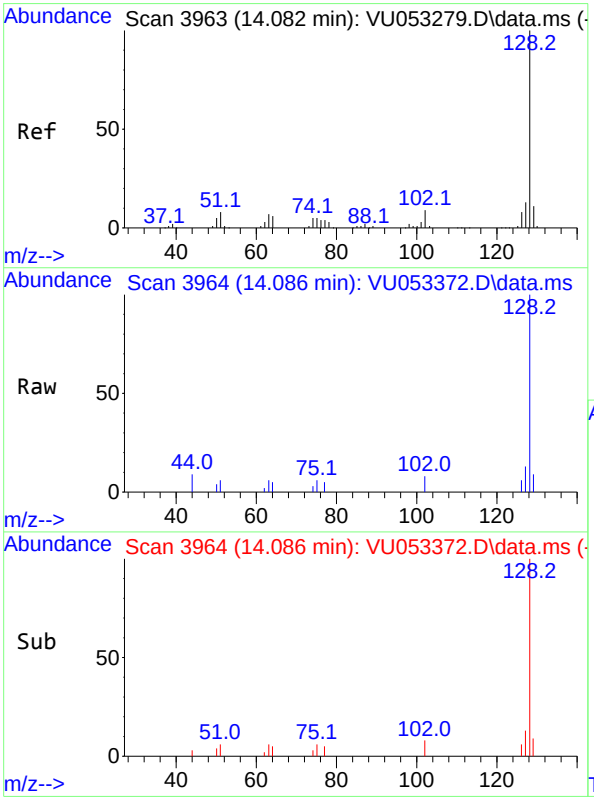
#63
1,2,4-Trimethylbenzene
Concen: 1.132 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
VIBLK118

Tgt Ion:105 Resp: 3506

Ion	Ratio	Lower	Upper
105	100		
120	43.0	34.6	52.0





#71
Naphthalene
Concen: 2.286 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053372.D
Acq: 23 Mar 2023 15:24

Tgt Ion:128 Resp: 7069

Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.0	15.0
129	8.6	8.6	13.0